



STATE OF MARYLAND

# DHMH

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## Weekly Heat-related Illness Surveillance Report

**June 19, 2012**

**Reporting for 06/12/12 through 06/18/12**

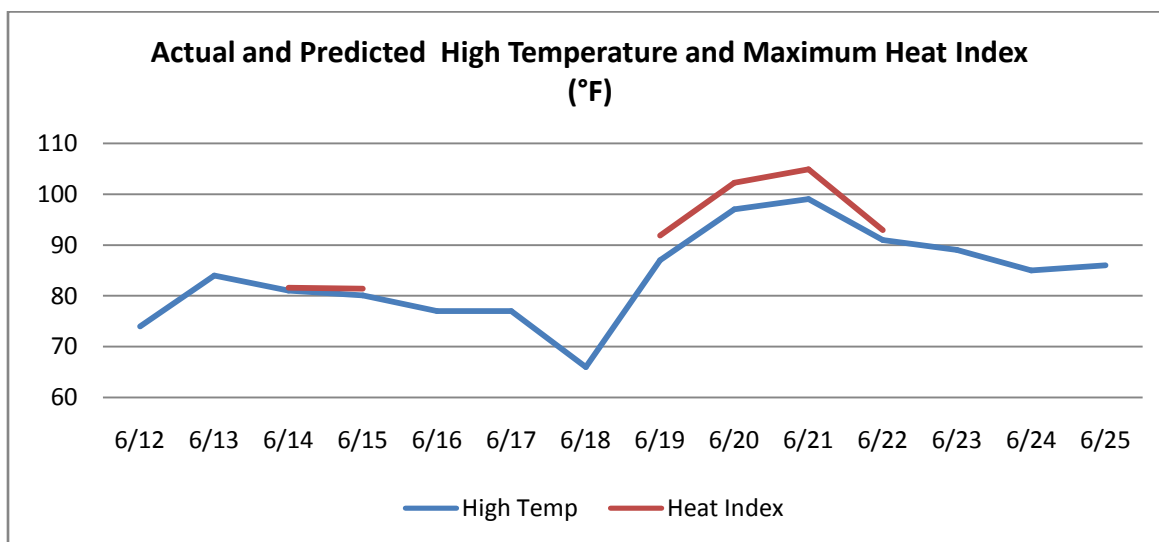
This information is used to make a Heat Advisory but is not a Heat Advisory in itself.

**National Weather Service Forecast:** Advisories for 6/20 and 6/21

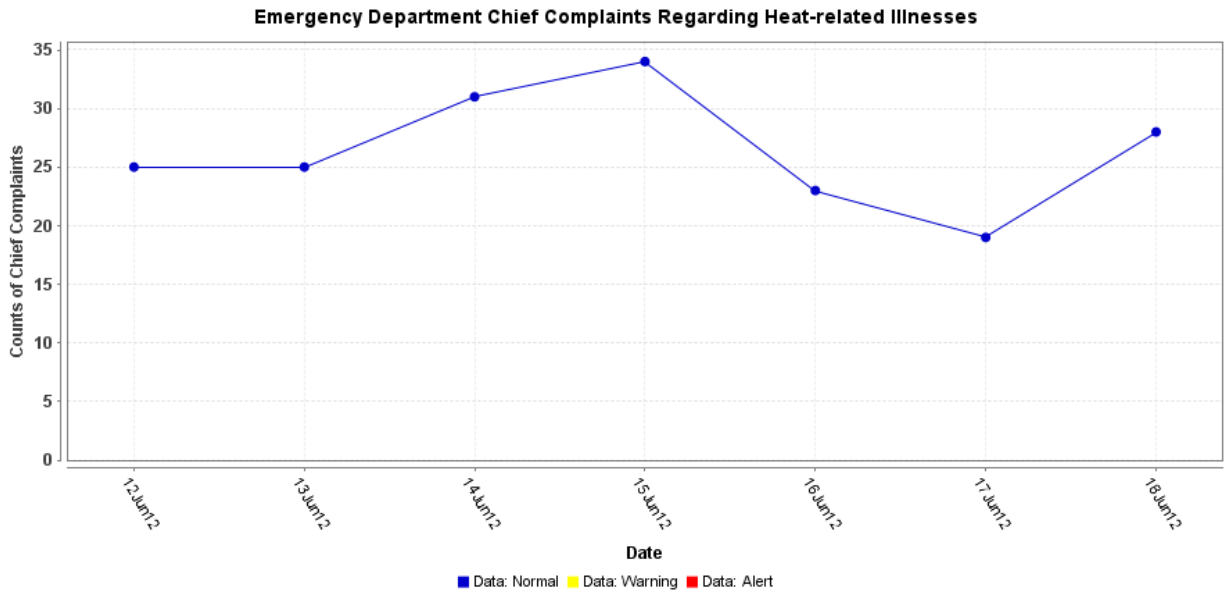
**Heat Advisories Declared This Week:** None

**Total Heat Advisories Declared This Year:** 0

The National Weather Service forecasts a potential heat index of over 100°F for jurisdictions in the central region of Maryland on Wednesday, June 20th. The forecast also includes a potential heat index of 105°F for central Maryland on Thursday, June 21st, and a potential heat index of over 100°F for all other regions in Maryland on Thursday.



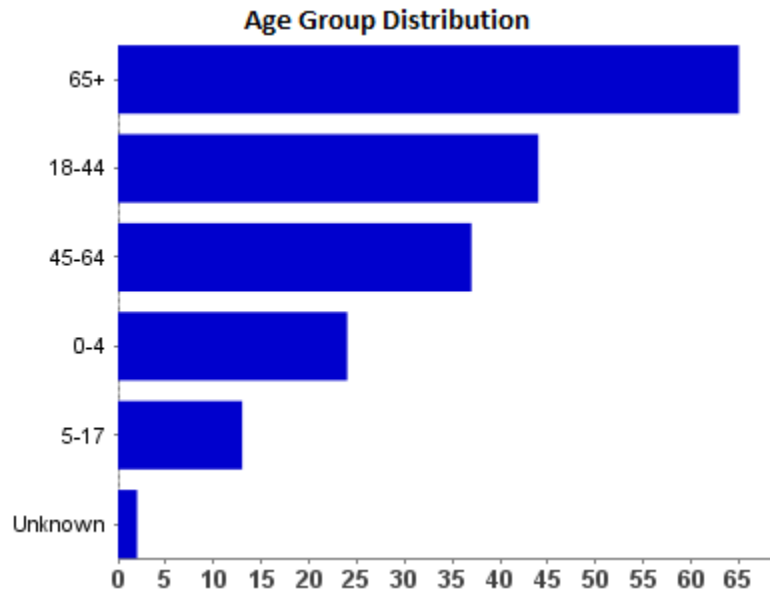
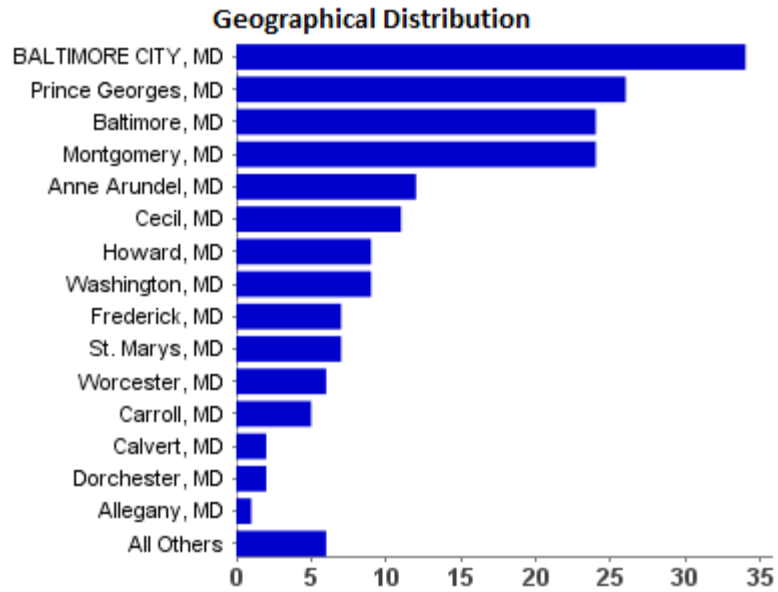
*Heat Indexes are calculated for temperatures above 80°F with humidity of 43% or greater.*



Date	Number of Chief Complaints Regarding Heat-related Illnesses
June 12	25
June 13	25
June 14	31
June 15	34
June 16	23
June 17	19
June 18	28

\*Note: The ESSENCE query contains the following terms: hyperthermia, heat, dehydration, and sun burn

There were no chief complaint clusters identified during the week.



There have been a total of 0 heat-related deaths thus far in 2012.

**Heat Advisory criteria:** A Heat Advisory will be made for heat index values of 105°F or greater. We may issue a Heat Advisory for combinations of conditions such as high temperature, extended heat waves, humidity, poor air quality, and high UV. Criteria are based on National Weather Service guidelines.<sup>1</sup>

**Note:** The heat report will be released on Tuesdays, with the reporting period being the previous Tuesday through Monday. The results from the query used in ESSENCE to track heat-related illnesses may be an overestimation of the actual burden of illness related to the hot weather. This overestimation is due to the nature of the query, which includes the term dehydration, a condition that may be caused by factors other than heat. OP&R will be issuing heat reports through the beginning of September 2012.

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<sup>1</sup> NWS Heat Index Chart: <http://www.nws.noaa.gov/os/heat/images/heatindex.png>